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(71) Applicant (*for all designated States except US*): UNIVERSITA' DI PISA [IT/IT]; Lungarno Pacinotti, 43/44, I-56126 Pisa (IT).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): CIARDELLI, Francesco [IT/IT]; Lungarno Pacinotti 43/44, I-56126 Pisa (IT). PASSAGLIA, Elisa [IT/IT]; Lungarno Pacinotti 43/44, I-56126 Pisa (IT). COIAI, Serena [IT/IT]; Lungarno Pacinotti, 43/44, I-56126 Pisa (IT).

(74) Agents: GERBINO, Angelo et al.; Jacobacci & Partners SpA, Corso Regio Parco 27, I-10152 Torino (IT).

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(54) Title: A PROCESS OF CONTROLLED RADICAL GRAFTING OF A POLYOLEFIN

(57) Abstract: The present invention relates to a controlled radical grafting process of a polyolefin derived from monomeric units including a olefins. This process comprises the reaction of the polyolefin and at least one radical reaction initiator with a grafting system which comprises at least one grafting compound having an electron donator heterocyclic aromatic ring conjugated to at least one -HC=CRIR₂ group in which at least one of R₁ and R₂ is an electron acceptor functional be performed continuously in an extruder or discontinuously in a mechanical mixer.



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